Re-run

10/23

#2 CRF

RAW SEQUENCE LISTING DATE: 12/12/2002
PATENT APPLICATION: **US/09/904,603** TIME: 14:24:15

Input Set : **N:\paola\US09904603.raw**
Output Set: **N:\CRF4\12122002\I904603.raw**

SEQUENCE LISTING

(1) GENERAL INFORMATION:
(i) APPLICANT: Hillman, Jennifer L.
Goli, Surya K.
(ii) TITLE OF INVENTION: NOVEL MICROTUBULE-ASSOCIATED PROTEIN
(iii) NUMBER OF SEQUENCES: 3
(iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Incyte Pharmaceuticals, Inc.
(B) STREET: 3174 Porter Drive
(C) CITY: Palo Alto
(D) STATE: CA
(E) COUNTRY: USA
(F) ZIP: 94304
(v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0
(vi) CURRENT APPLICATION DATA:
C--> **(A) APPLICATION NUMBER: US/09/904,603**
C--> **(B) FILING DATE: 12-Jul-2001**
(C) CLASSIFICATION:
(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/805,117
(B) FILING DATE:
(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Billings, Lucy J.
(B) REGISTRATION NUMBER: 36,749
(C) REFERENCE/DOCKET NUMBER: PF-0211 US
(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 415-855-0555
(B) TELEFAX: 415-845-4166
(C) TELEX:
(2) INFORMATION FOR SEQ ID NO: 1:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 121 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear
(vii) IMMEDIATE SOURCE:
(A) LIBRARY: THYRNOT03
(B) CLONE: 144378
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

ENTERED

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```
43       Met Pro Ser Asp Arg Pro Phe Lys Gln Arg Arg Ser Phe Ala Asp Arg
44        1               5                  10                  15
45       Cys Lys Glu Val Gln Gln Ile Arg Asp Gln His Pro Ser Lys Ile Pro
46                   20                  25                  30
47       Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp
48               35                  40                  45
49       Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Val
50           50                  55                  60
51       Lys Ile Ile Arg Arg Arg Leu Gln Leu Asn Pro Thr Gln Ala Phe Phe
52       65                  70                  75                  80
53       Leu Leu Val Asn Gln His Ser Met Val Ser Val Ser Thr Pro Ile Ala
54                       85                  90                  95
55       Asp Ile Tyr Glu Gln Glu Lys Asp Glu Asp Gly Phe Leu Tyr Met Val
56                   100                 105                 110
57       Tyr Ala Ser Gln Glu Thr Phe Gly Phe
58               115                 120
60 (2) INFORMATION FOR SEQ ID NO: 2:
61      (i) SEQUENCE CHARACTERISTICS:
62           (A) LENGTH: 640 base pairs
63           (B) TYPE: nucleic acid
64           (C) STRANDEDNESS: single
65           (D) TOPOLOGY: linear
66     (vii) IMMEDIATE SOURCE:
67           (A) LIBRARY: THYRNOT03
68           (B) CLONE: 1441378
69      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
70        CTCCCGCAGC CGCAGCCGCC GTGCTCAGCG CGAGCCCCGG AGCCCTTGAG CGCGAGGCGC     60
71        GGAGCCCCGG AGCCCCCAAA CCGCAGACAC ATCCCCGCGC CCCAGAGCCC CGGCCTGCGC    120
72        GCCCAGCCGG GCCCGCGCGA TGCCCTCAGA CCGGCCTTTC AAGCAGCGGC GGAGCTTCGC    180
73        CGACCGCTGT AAGGAGGTAC AGCAGATCCG CGACCAGCAC CCCAGCAAAA TCCCGGTGAT    240
74        CATCGAGCGC TACAAGGGTG AGAAGCAGCT GCCCGTCCTG GACAAGACCA AGTTTTTGGT    300
75        CCCGGACCAT GTCAACATGA GCGAGTTGGT CAAGATCATC CGGCGCCGCC TGCAGCTGAA    360
76        CCCCACGCAG GCCTTCTTCC TGCTGGTGAA CCAGCACAGC ATGGTGAGTG TGTCCACGCC    420
77        CATCGCGGAC ATCTACGAGC AGGAGAAAGA CGAGGACGGC TTCCTCTATA TGGTCTACGC    480
78        CTCCCAGGAA ACCTTCGGCT TCTGAGCCAG CAGTAGGGGG GCTCGGCCTG GGAGTCGGGG    540
79        GGCCCCGGTC AGGCCCTGCC CAGAGAGCTT CTGGTTCCTG AACTGAGCTG CCTCTACCGT    600
80        GGTGGGCTGG GCAGGCATGT GCCCCCCTAG TCAGAGGGCA                           640
82 (2) INFORMATION FOR SEQ ID NO: 3:
83      (i) SEQUENCE CHARACTERISTICS:
84           (A) LENGTH: 142 amino acids
85           (B) TYPE: amino acid
86           (C) STRANDEDNESS: single
87           (D) TOPOLOGY: linear
88     (vii) IMMEDIATE SOURCE:
89           (A) LIBRARY: GenBank
90           (B) CLONE: 455109
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
92        Met Pro Ser Glu Lys Thr Phe Lys Gln Arg Arg Ser Phe Glu Gln Arg
93         1               5                  10                  15
```

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```
94      Val Glu Asp Val Arg Leu Ile Arg Glu Gln His Pro Thr Lys Ile Pro
95                  20                  25                  30
96      Val Ile Ile Glu Arg Tyr Lys Gly Glu Lys Gln Leu Pro Val Leu Asp
97              35                  40                  45
98      Lys Thr Lys Phe Leu Val Pro Asp His Val Asn Met Ser Glu Leu Ile
99          50                  55                  60
100      Lys Ile Ile Arg Arg Arg Leu Gln Leu Asn Ala Asn Gln Ala Phe Phe
101      65                  70                  75                  80
102      Leu Leu Val Asn Gly His Ser Met Val Ser Val Ser Thr Pro Ile Ser
103                     85                  90                  95
104      Glu Val Tyr Glu Ser Glu Arg Asp Glu Asp Gly Phe Leu Tyr Met Val
105                 100                 105                 110
106      Tyr Ala Ser Gln Glu Thr Phe Gly Thr Ala Leu Ala Val Thr Tyr Met
107             115                 120                 125
108      Ser Ala Leu Lys Ala Thr Ala Thr Gly Arg Glu Pro Cys Leu
109         130                 135                 140
```

VERIFICATION SUMMARY DATE: 12/12/2002
PATENT APPLICATION: **US/09/904,603** TIME: 14:24:16

Input Set : **N:\paola\US09904603.raw**
Output Set: **N:\CRF4\12122002\I904603.raw**

L:19 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:20 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]